NPPB

Cl^- channel blocker

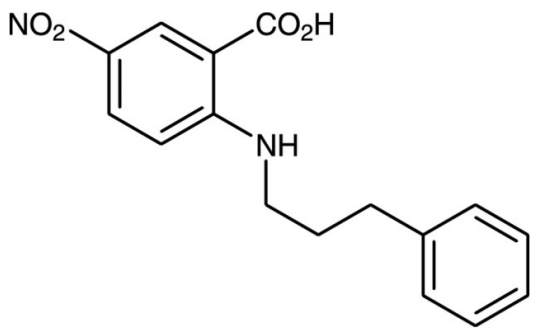
A potent chloride channel blocker (IC_{50}=0.1-100 µM depending on channel subtype and assay method). Inhibits cyclooxygenase (COX; IC_{50}=8 µM). Evidence of mitochondrial uncoupling in mouse peritoneal macrophages, due to protonophore activity.

Citations: 7 View Online »

Ordering Information Order Online »

BML-CM100-0010	10mg

Manuals, SDS & CofA View Online »


NO2
CO2H
NH

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 1 year after receipt when stored, as supplied, at room temperature. Stock solutions are stable for up to 3 months at -20°C.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	5-Nitro-2-(3'-phenylpropyl-amino)benzoic acid
Appearance	Yellow solid.
CAS	107254-86-4
Couple Target	Chloride channel, COX
Couple Type	Blocker, Inhibitor
Formula	$C_{16}H_{16}N_2O_4$
MW	300.3
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (25mg/ml) or 100% ethanol (10mg/ml; warm).

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